Sheet 1 of 21 TERMINA TION ARBITRATION SIN **TRANSFER** INDEPENDENT ADDRESS AND ADDRESS TEI ARBITRA TION

Express Mail No. EV342133814US

Inventor: James D. Kelly et al. Atty. Docket No.: 18602-08098

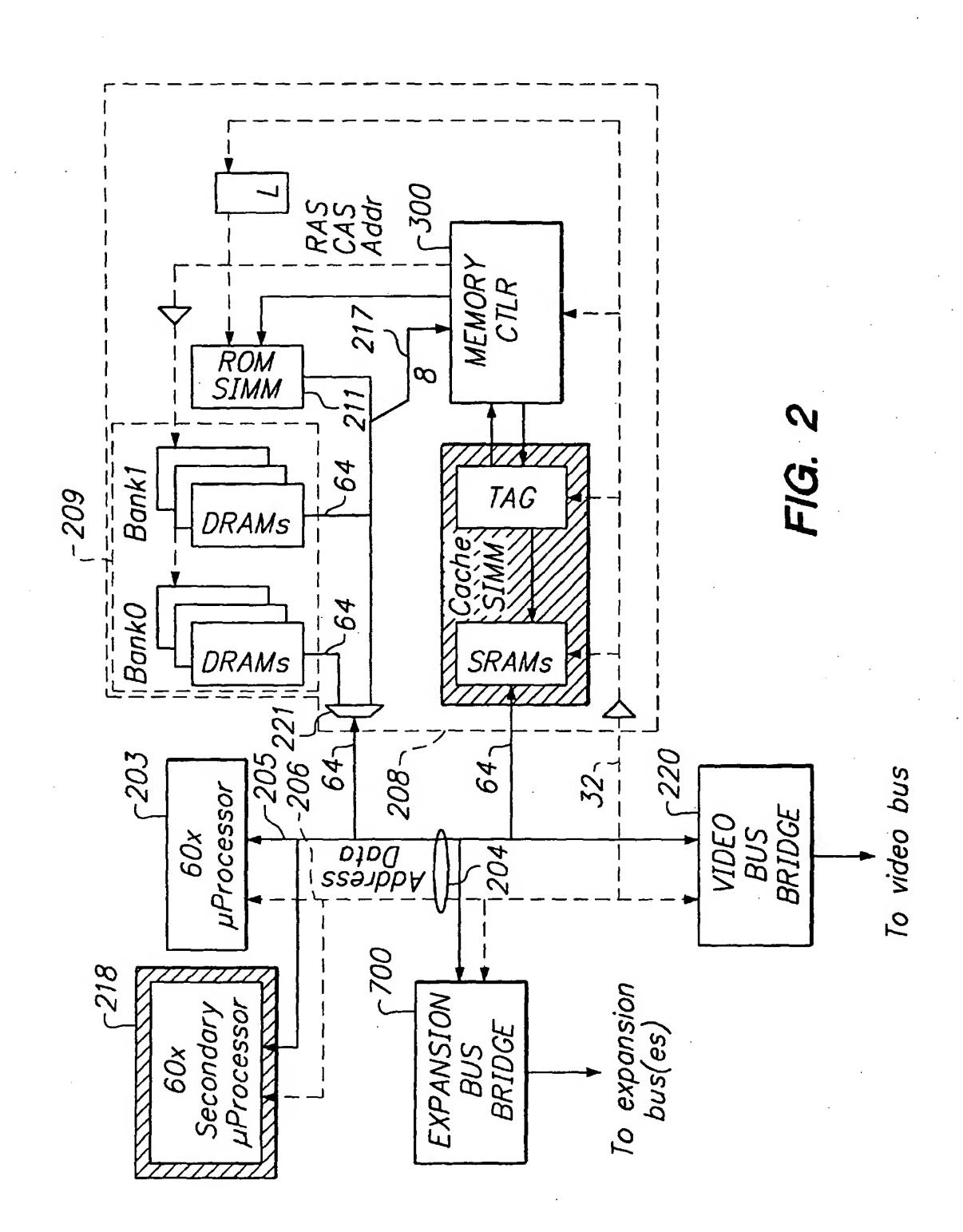
Title: Bus Transaction Reordering in a Computer SYSTEM HAVING UNORDERED SLAVES

Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES

Inventor: James D. Kelly et al. Atty. Docket No.: 18602-08098

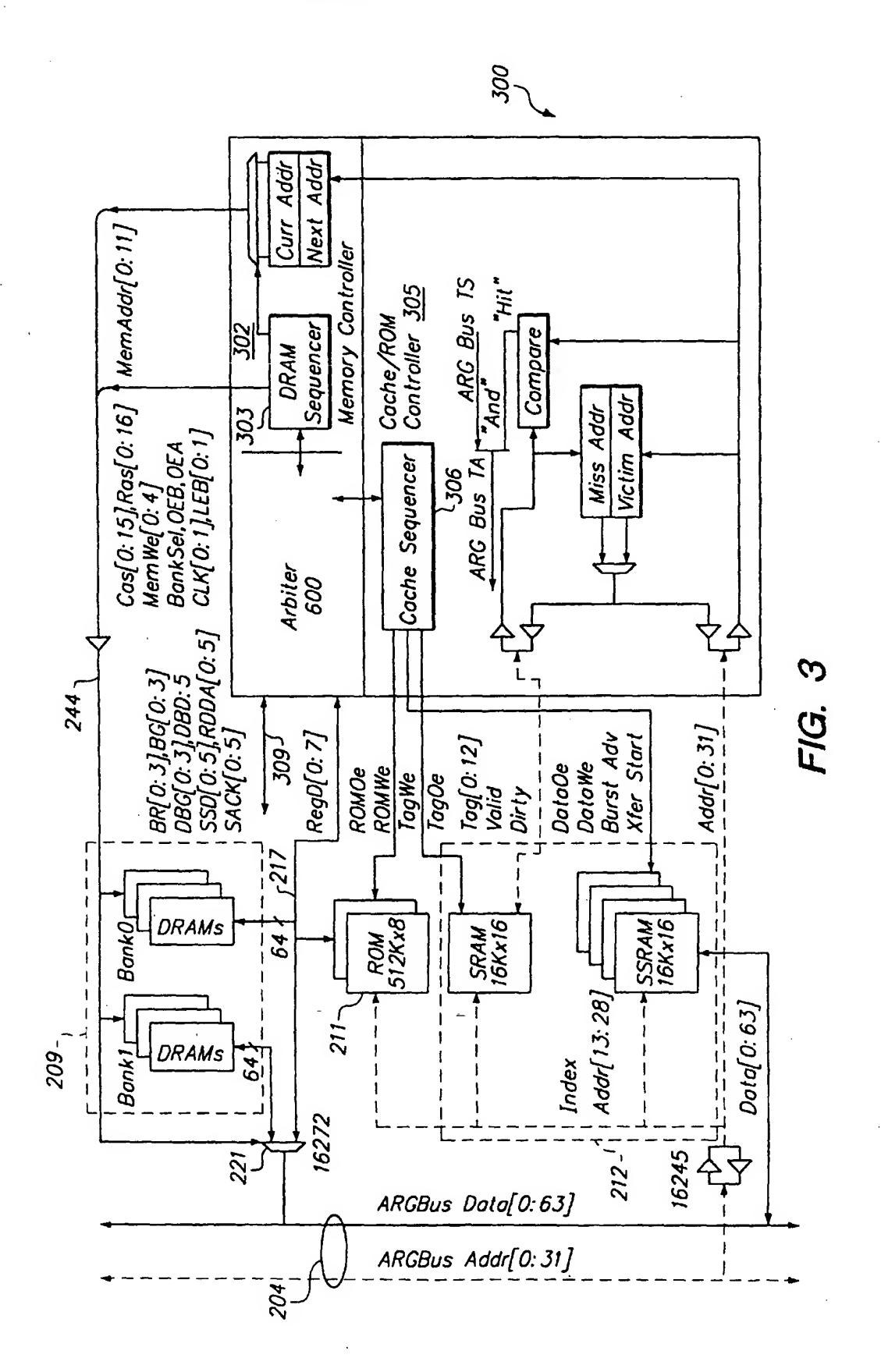
Sheet 2 of 21



Title: Bus Transaction Reordering in a Computer

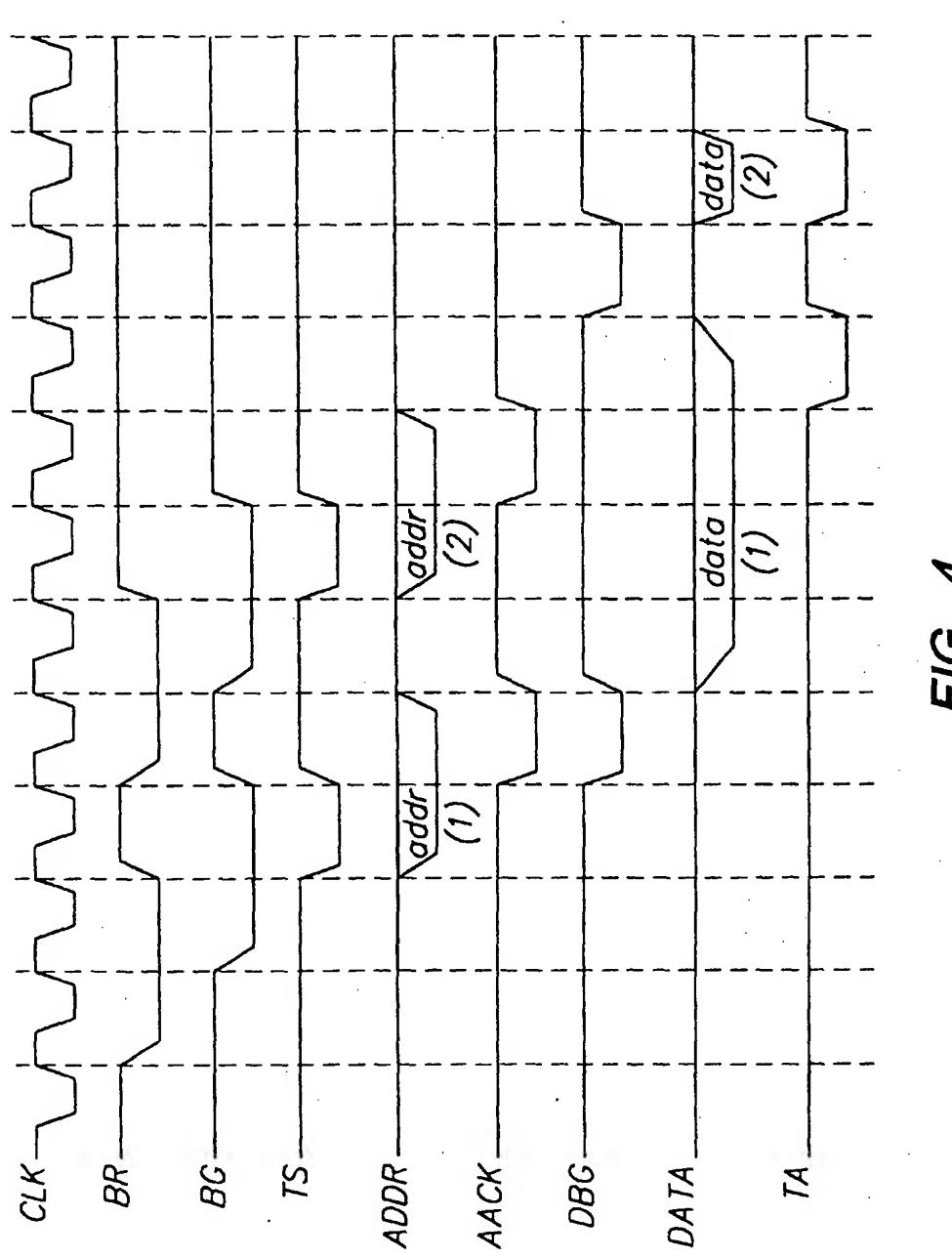
SYSTEM HAVING UNORDERED SLAVES Inventor: James D. Kelly et al.

Atty. Docket No.: 18602-08098 Sheet 3 of 21



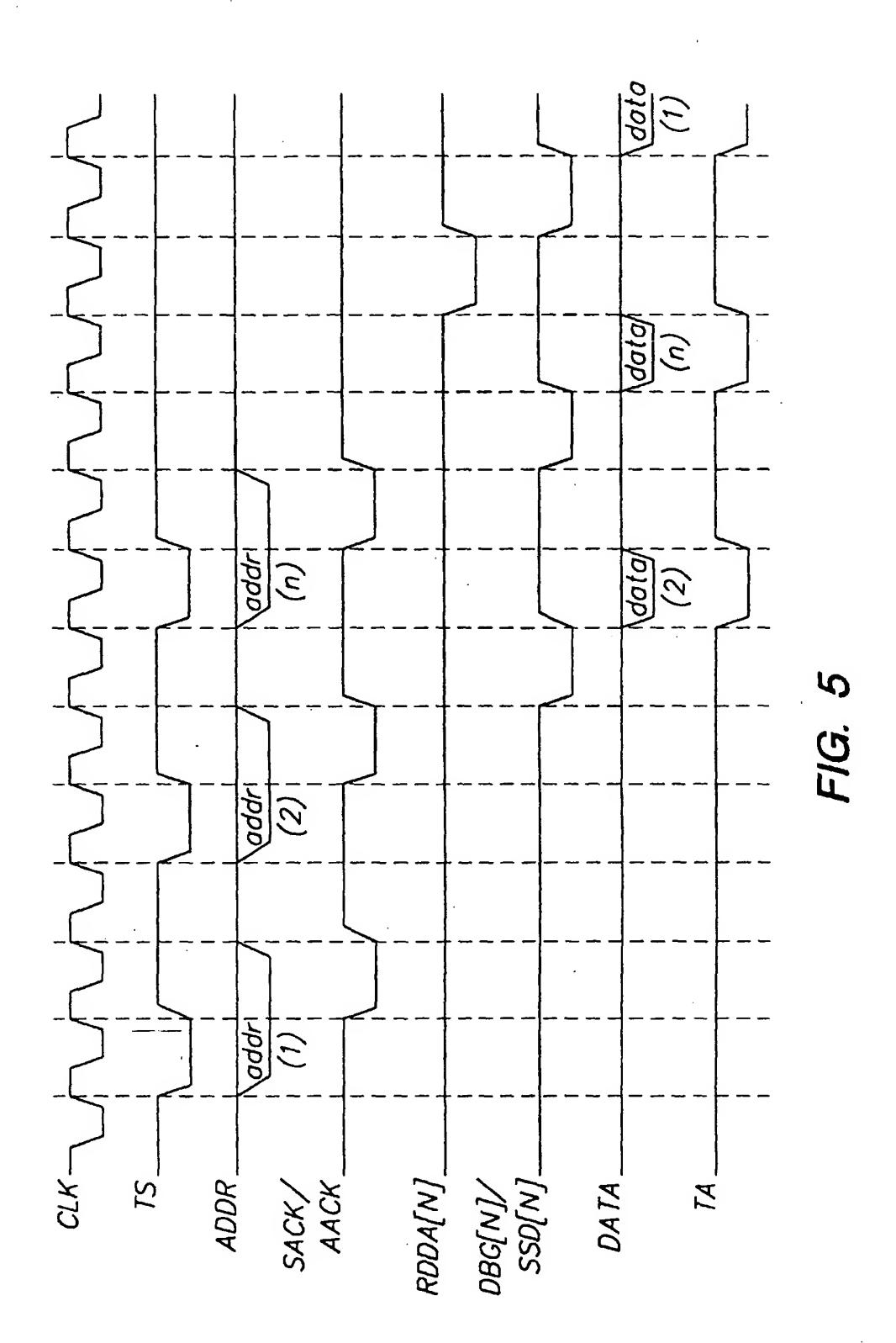
Express Mail No. EV342133814US
Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES
Inventor: James D. Kelly *et al.*Atty. Docket No.: 18602-08098
Sheet 4 of 21



Title: Bus Transaction Reordering in a Computer SYSTEM HAVING UNORDERED SLAVES

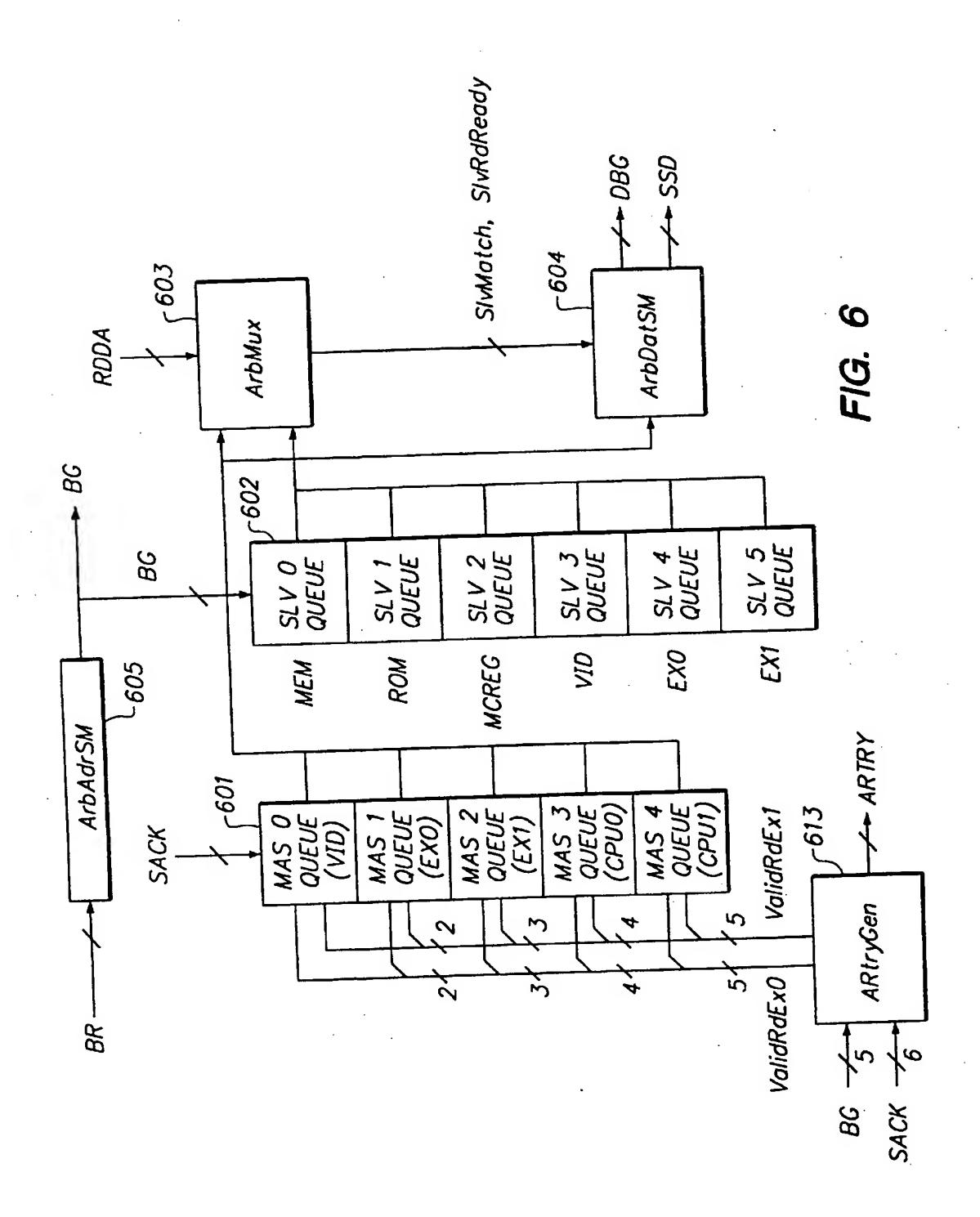
Inventor: James D. Kelly et al. Atty. Docket No.: 18602-08098 Sheet 5 of 21



Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES Inventor: James D. Kelly et al.

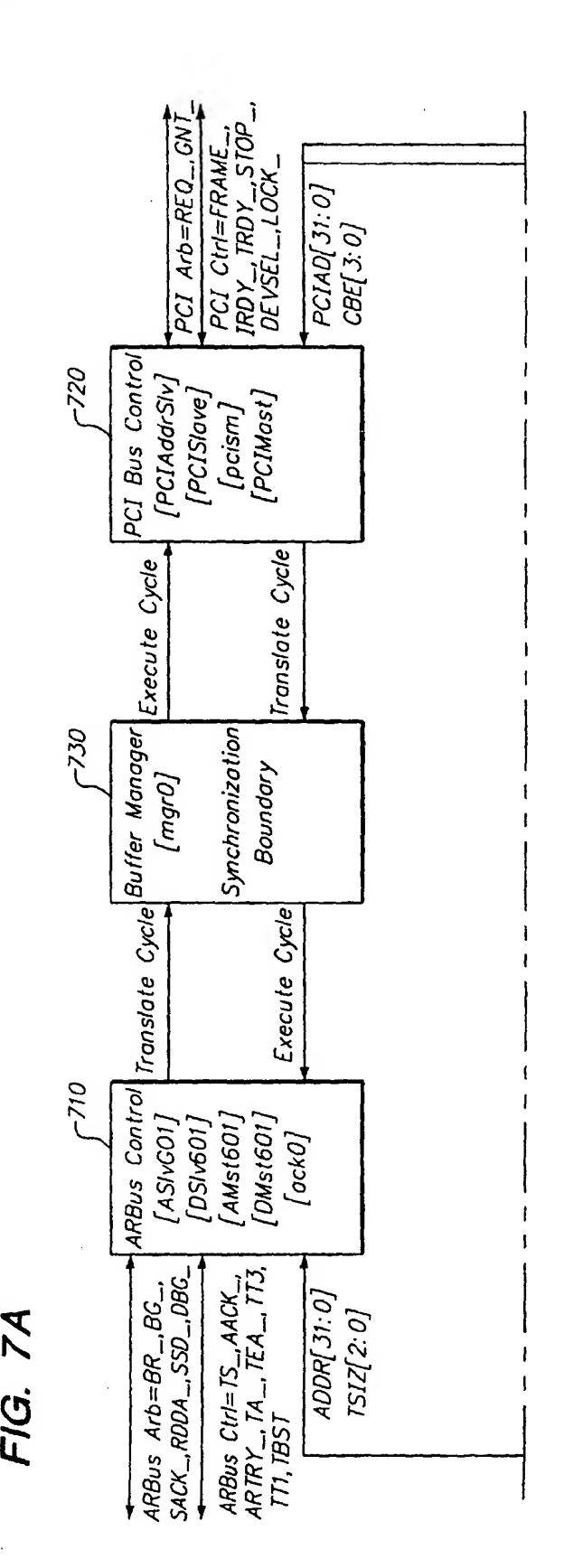
Atty. Docket No.: 18602-08098 Sheet 6 of 21



Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES

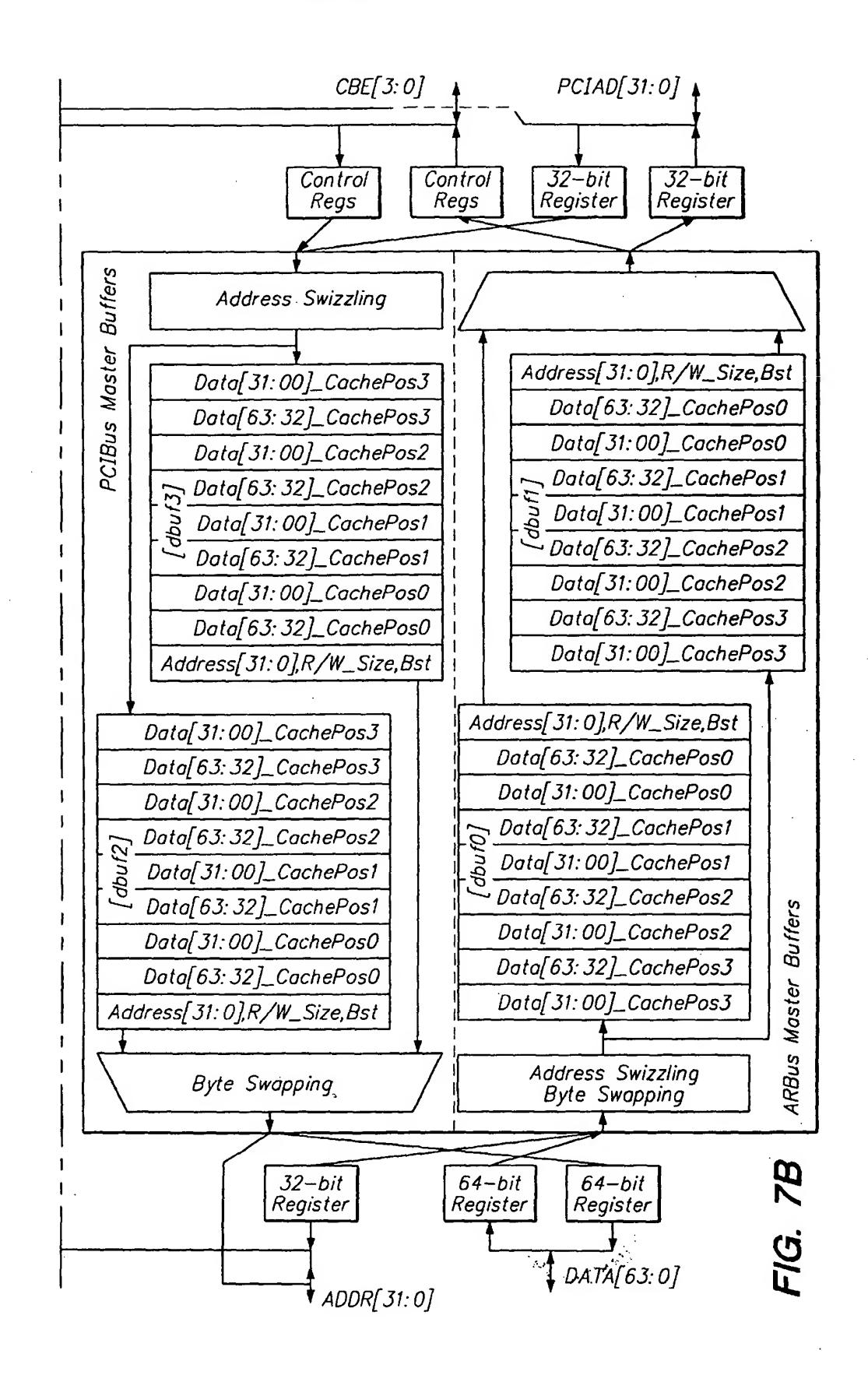
Inventor: James D. Kelly et al.
Atty. Docket No.: 18602-08098
Sheet 7 of 21



Title: Bus Transaction Reordering in a Computer

System Having Unordered Slaves Inventor: James D. Kelly *et al.* Atty. Docket No.: 18602-08098

Sheet 8 of 21

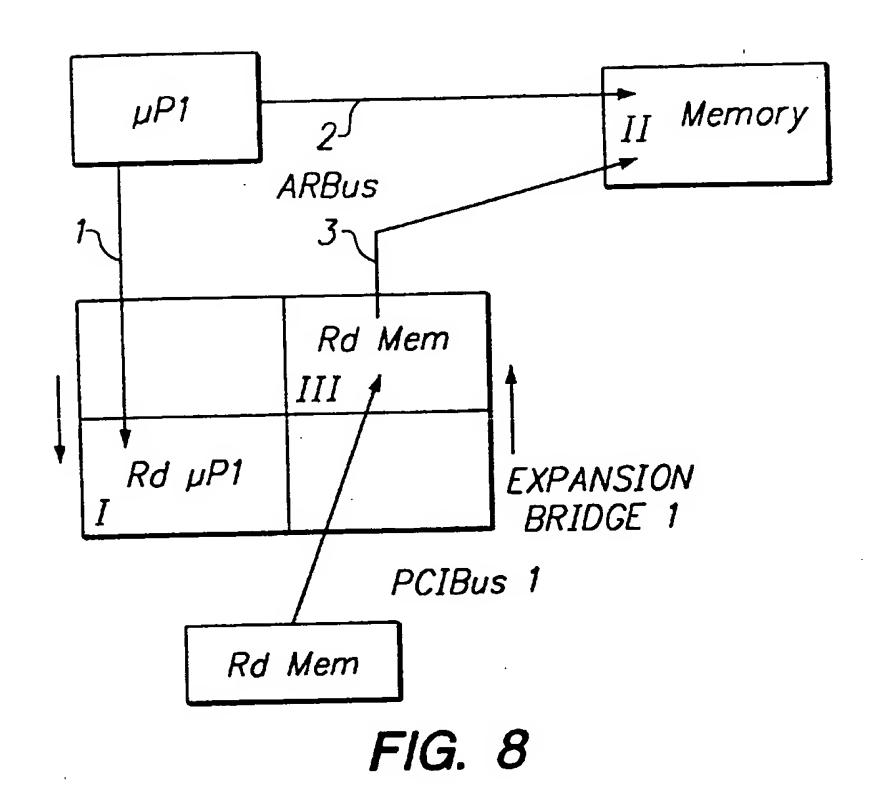


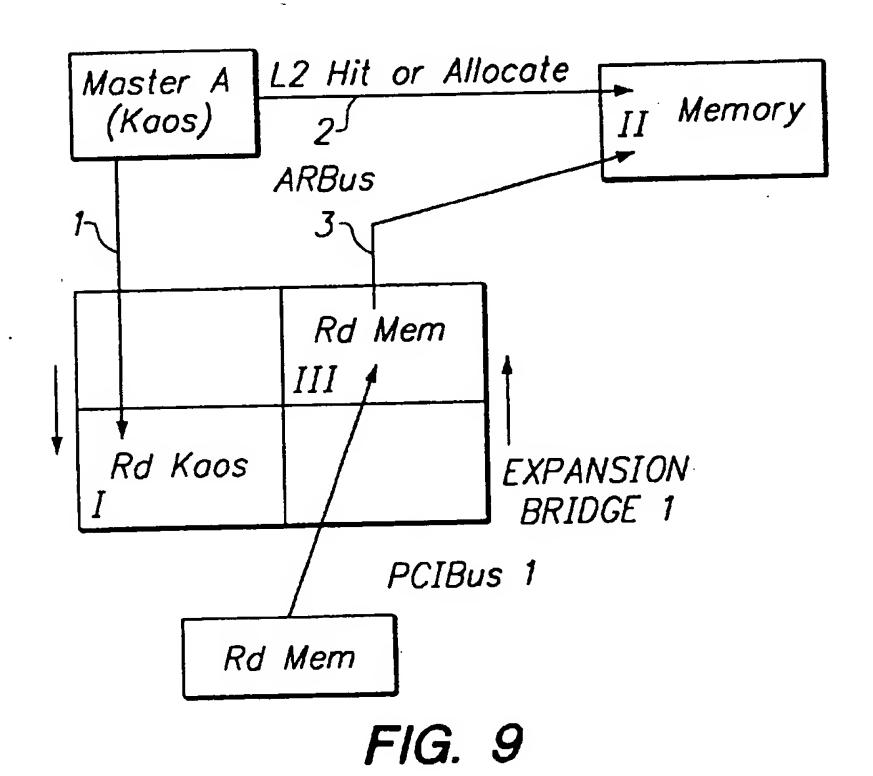
Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES

Inventor: James D. Kelly *et al.* Atty. Docket No.: 18602-08098

Sheet 9 of 21





Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES

Inventor: James D. Kelly *et al.* Atty. Docket No.: 18602-08098

Sheet 10 of 21

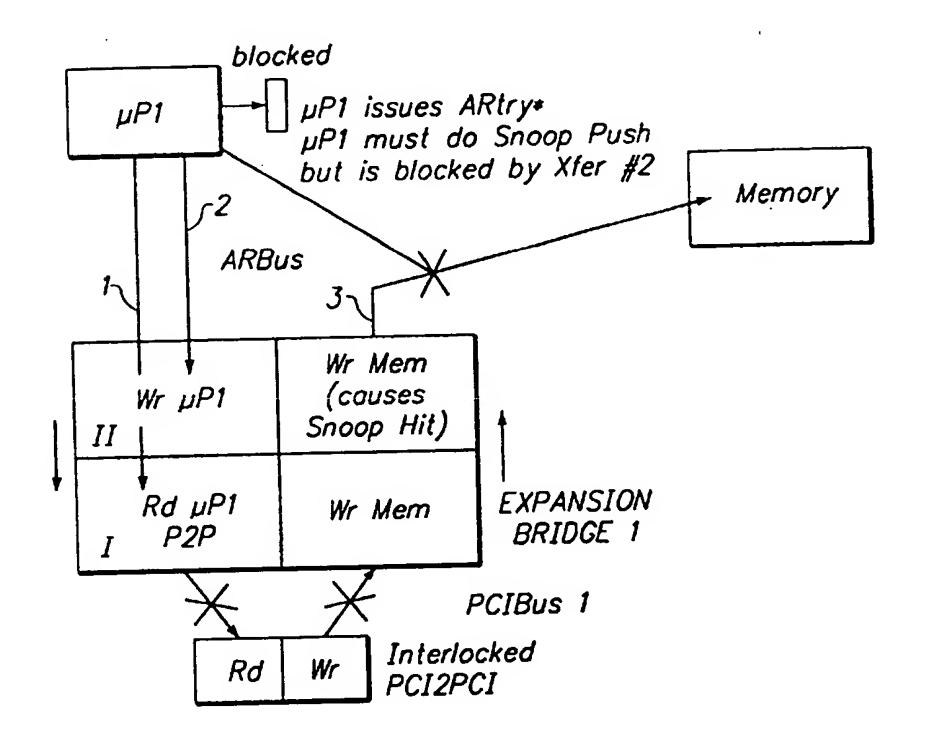


FIG. 10

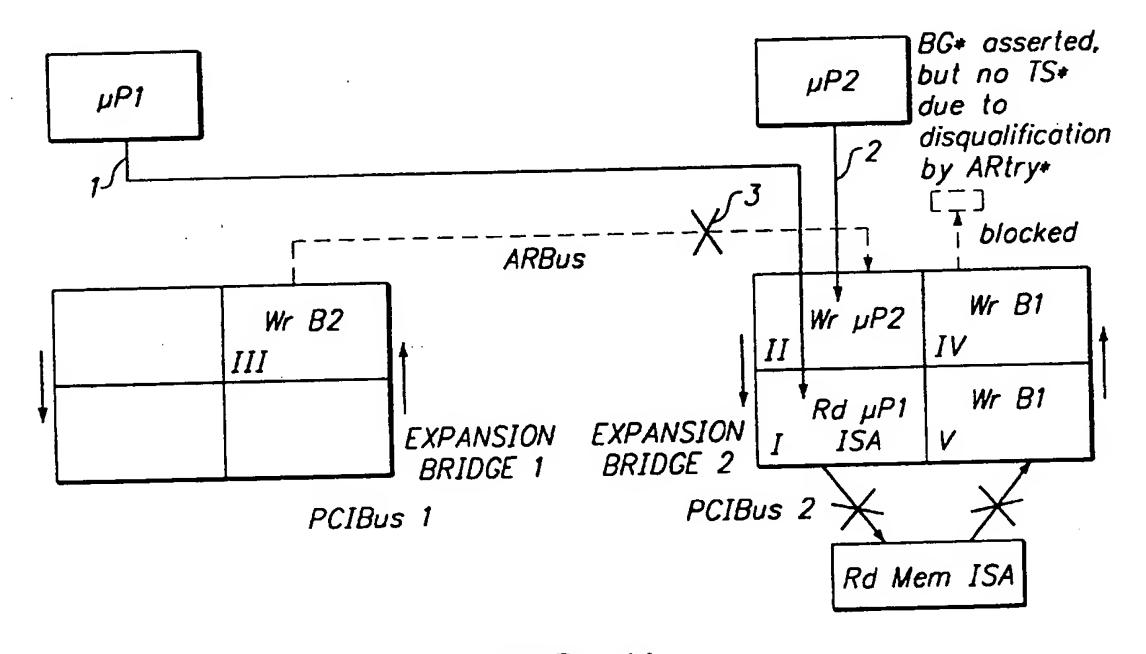


FIG. 11

Title: Bus Transaction Reordering in a Computer System Having Unordered Slaves

Inventor: James D. Kelly *et al.*Atty. Docket No.: 18602-08098

Sheet 11 of 21

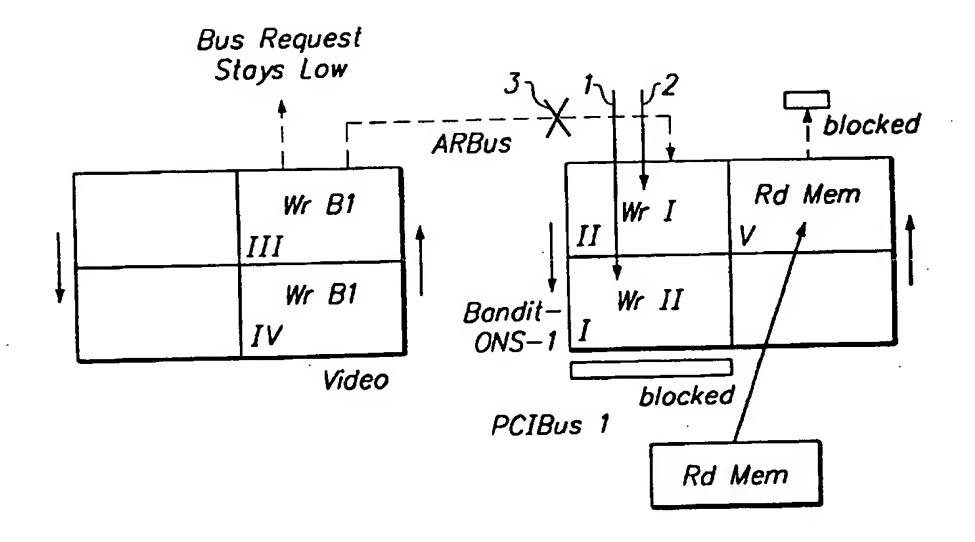


FIG. 12

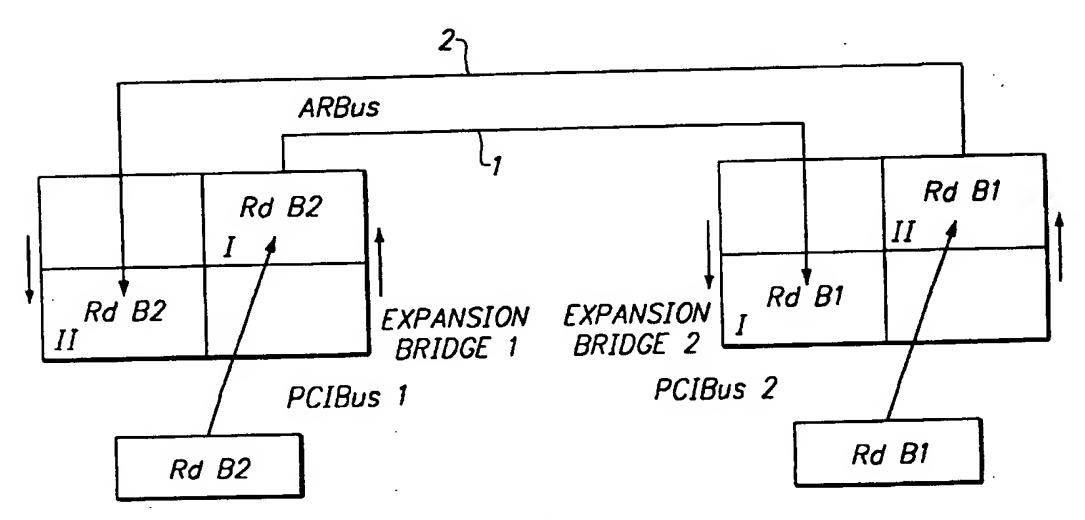


FIG. 13

Title: Bus Transaction Reordering in a Computer

System Having Unordered Slaves Inventor: James D. Kelly *et al.*

Atty. Docket No.: 18602-08098

Sheet 12 of 21

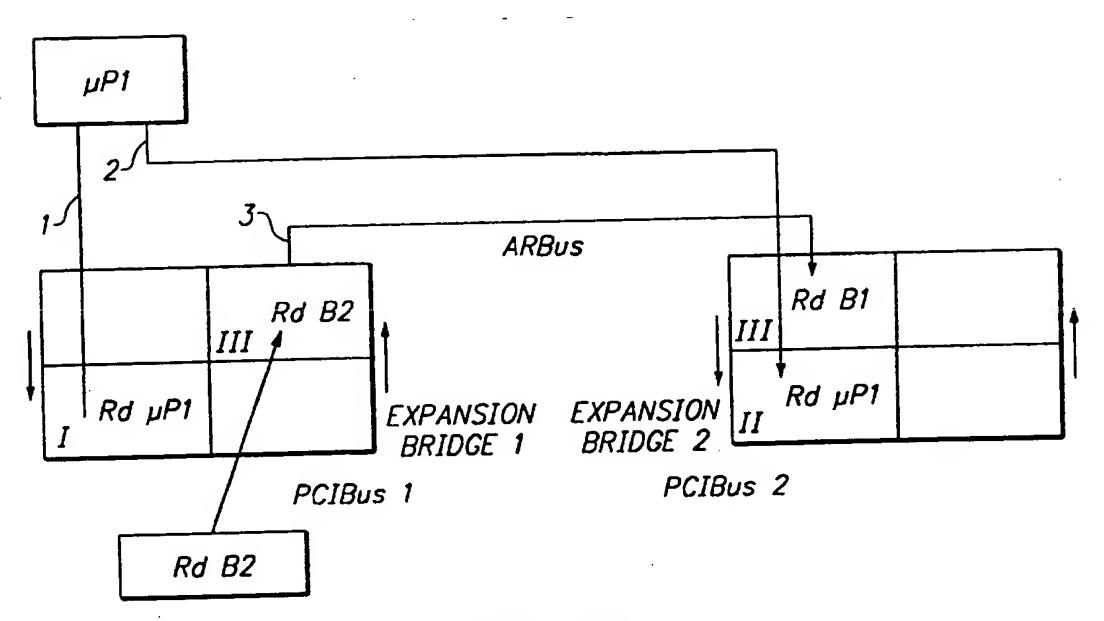


FIG. 14

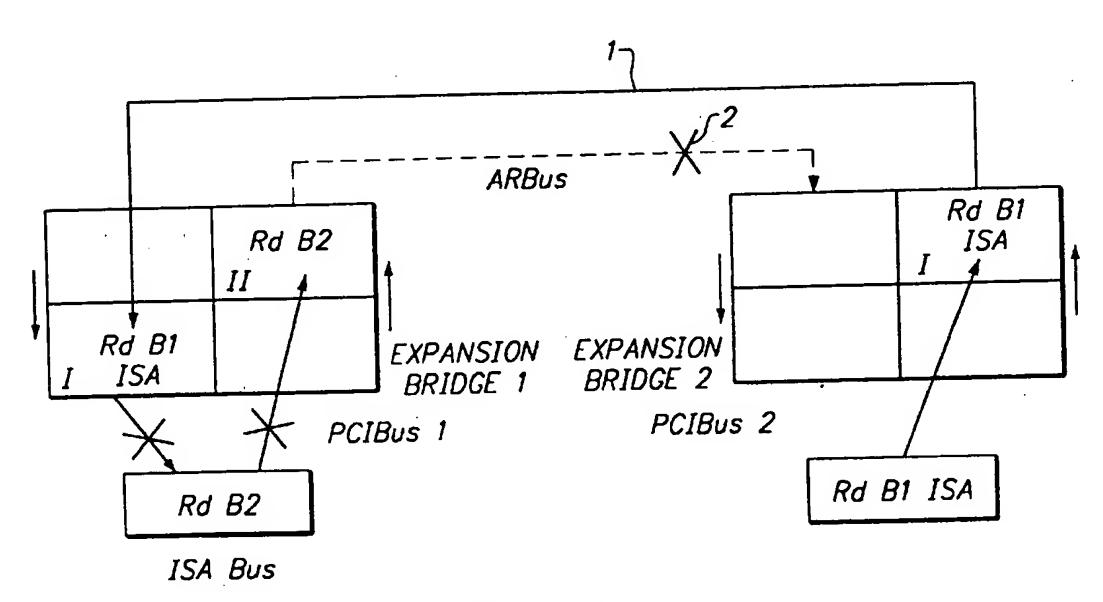


FIG. 15

Title: Bus Transaction Reordering in a Computer System Having Unordered Slaves

Inventor: James D. Kelly *et al.*Atty. Docket No.: 18602-08098

Sheet 13 of 21

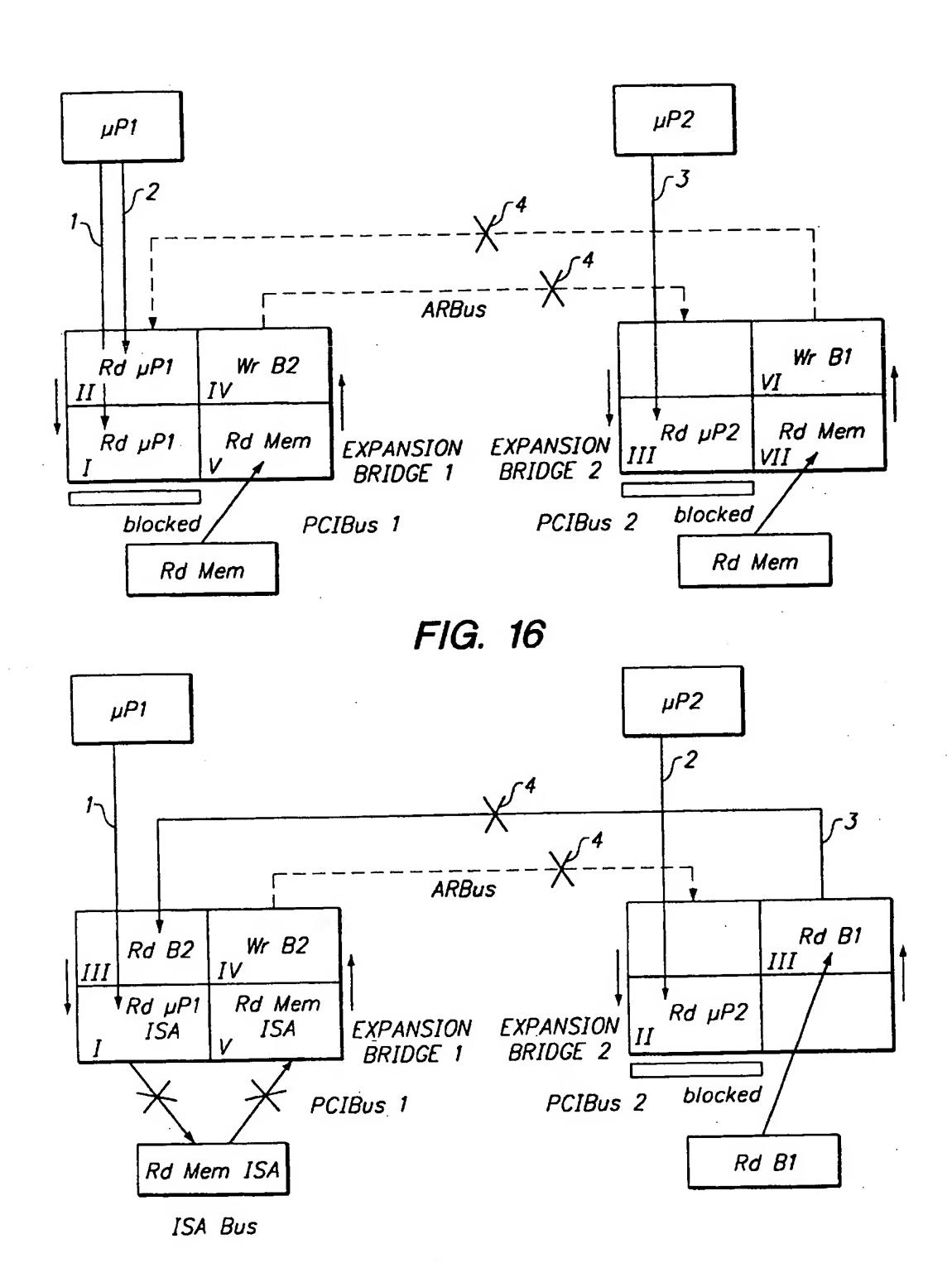
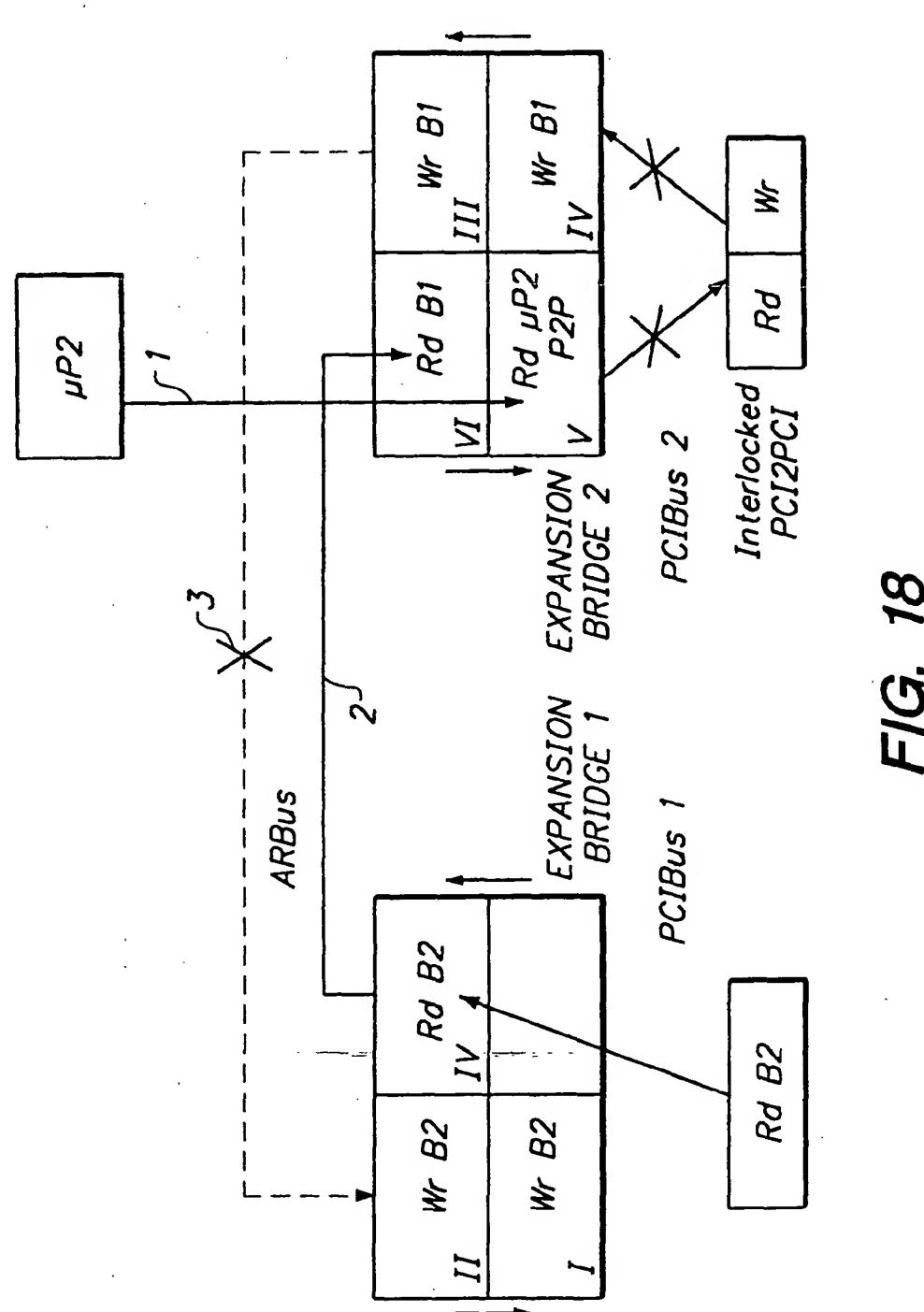


FIG. 17

Express Mail No. EV342133814US
Title: Bus Transaction Reordering in a Computer

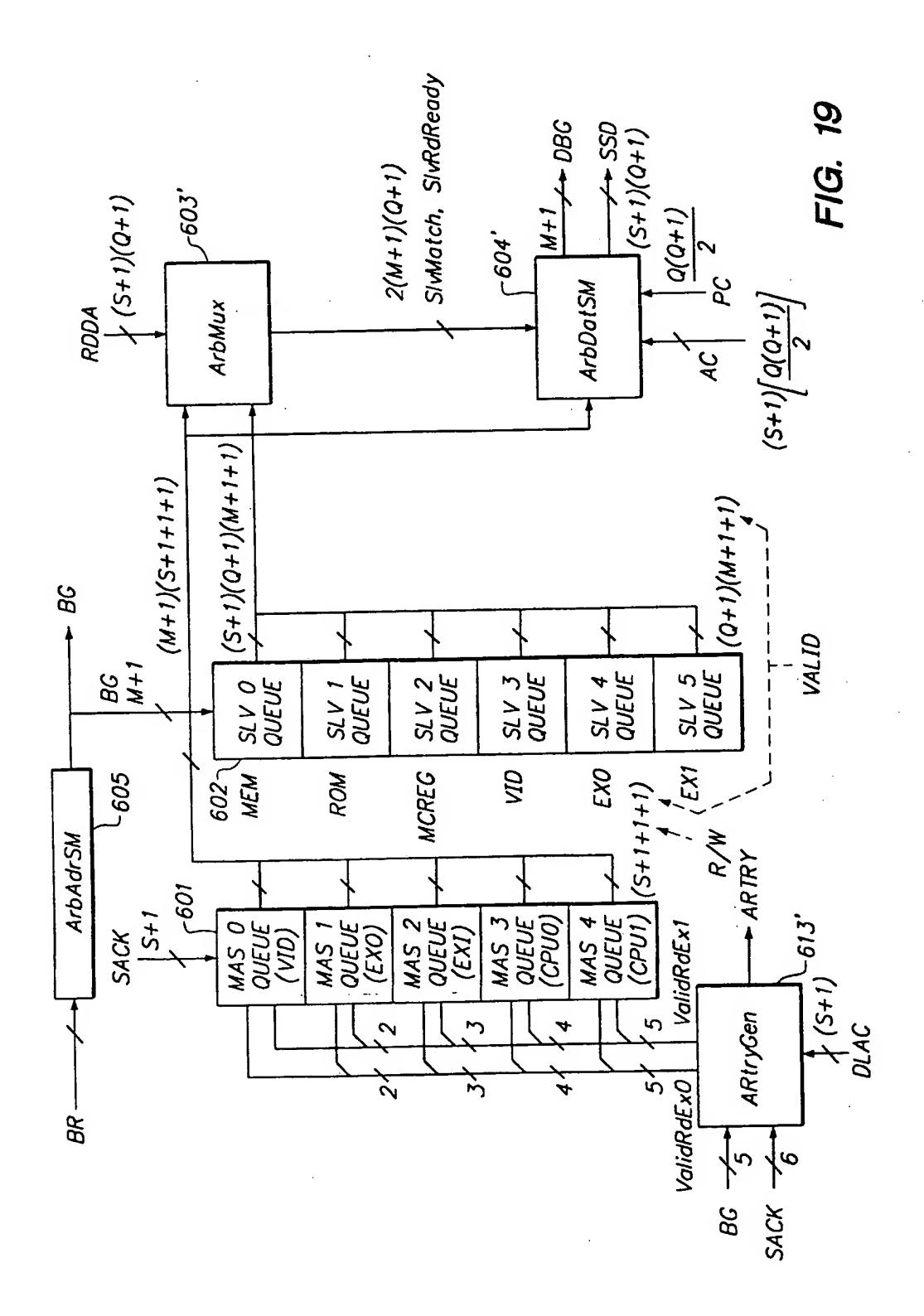
SYSTEM HAVING UNORDERED SLAVES
Inventor: James D. Kelly et al.
Atty. Docket No.: 18602-08098
Sheet 14 of 21



Title: Bus Transaction Reordering in a Computer System Having Unordered Slaves

Inventor: James D. Kelly et al.

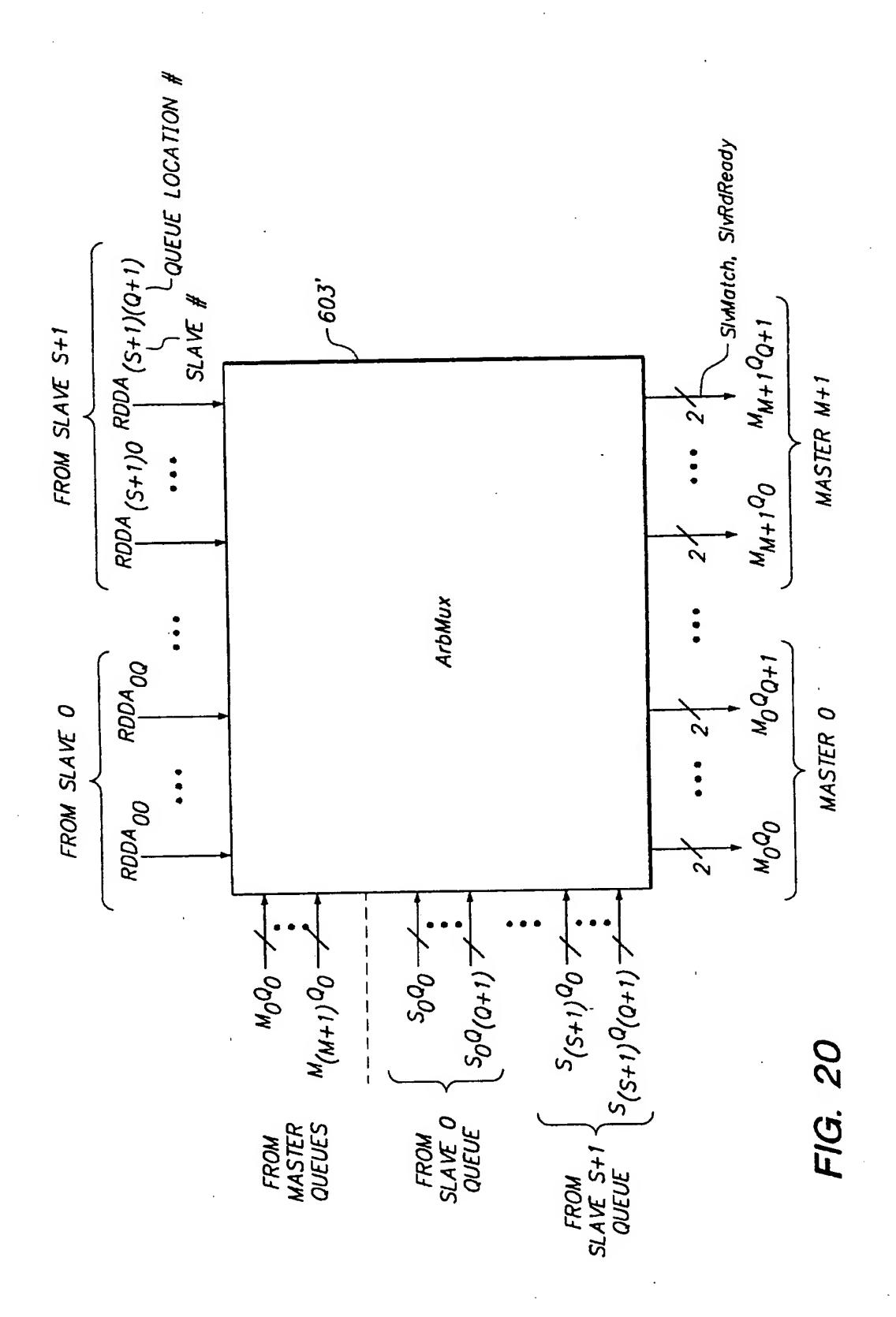
Atty. Docket No.: 18602-08098 Sheet 15 of 21



Title: Bus Transaction Reordering in a Computer

System Having Unordered Slaves Inventor: James D. Kelly *et al.*

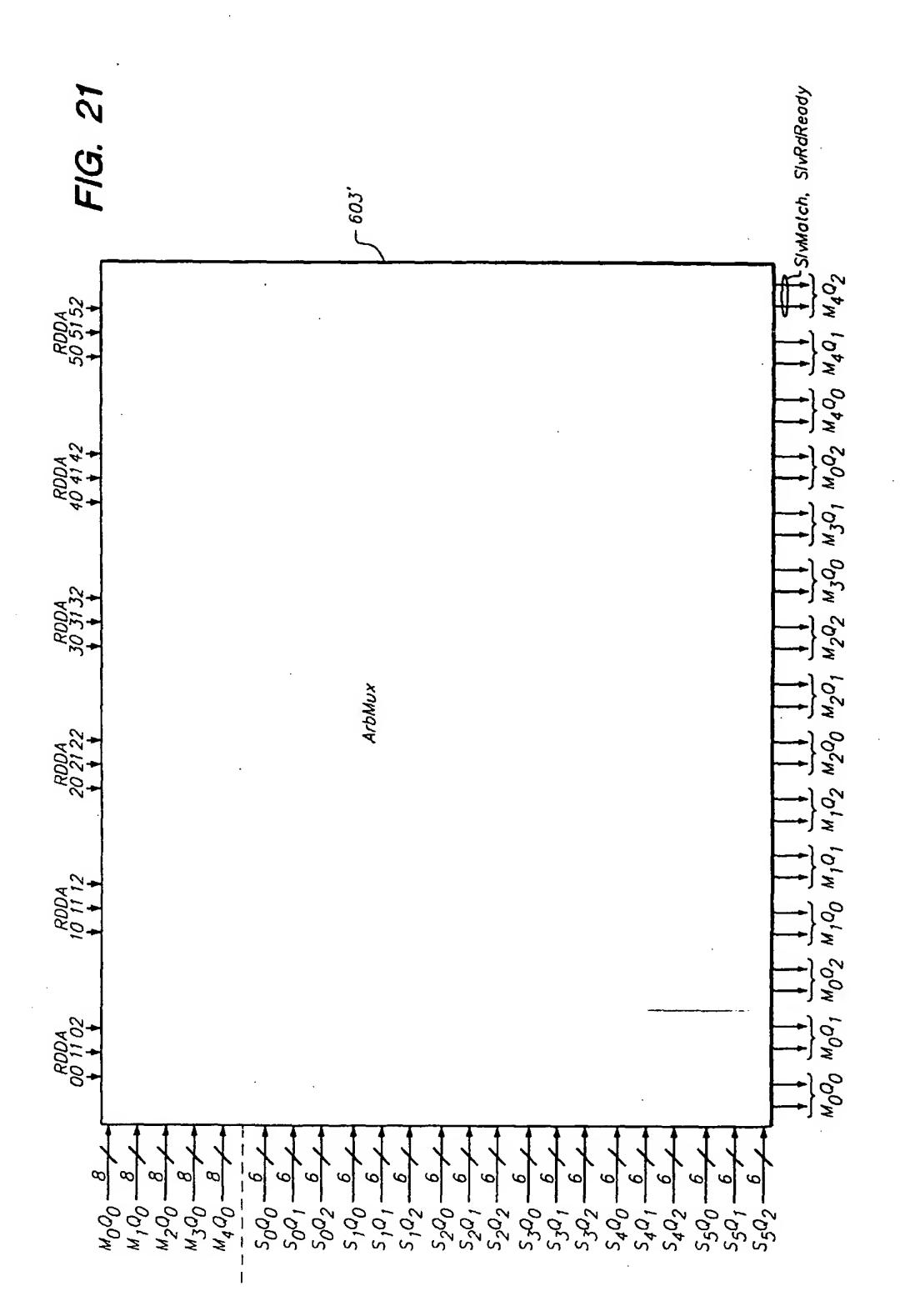
Atty. Docket No.: 18602-08098 Sheet 16 of 21



Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES

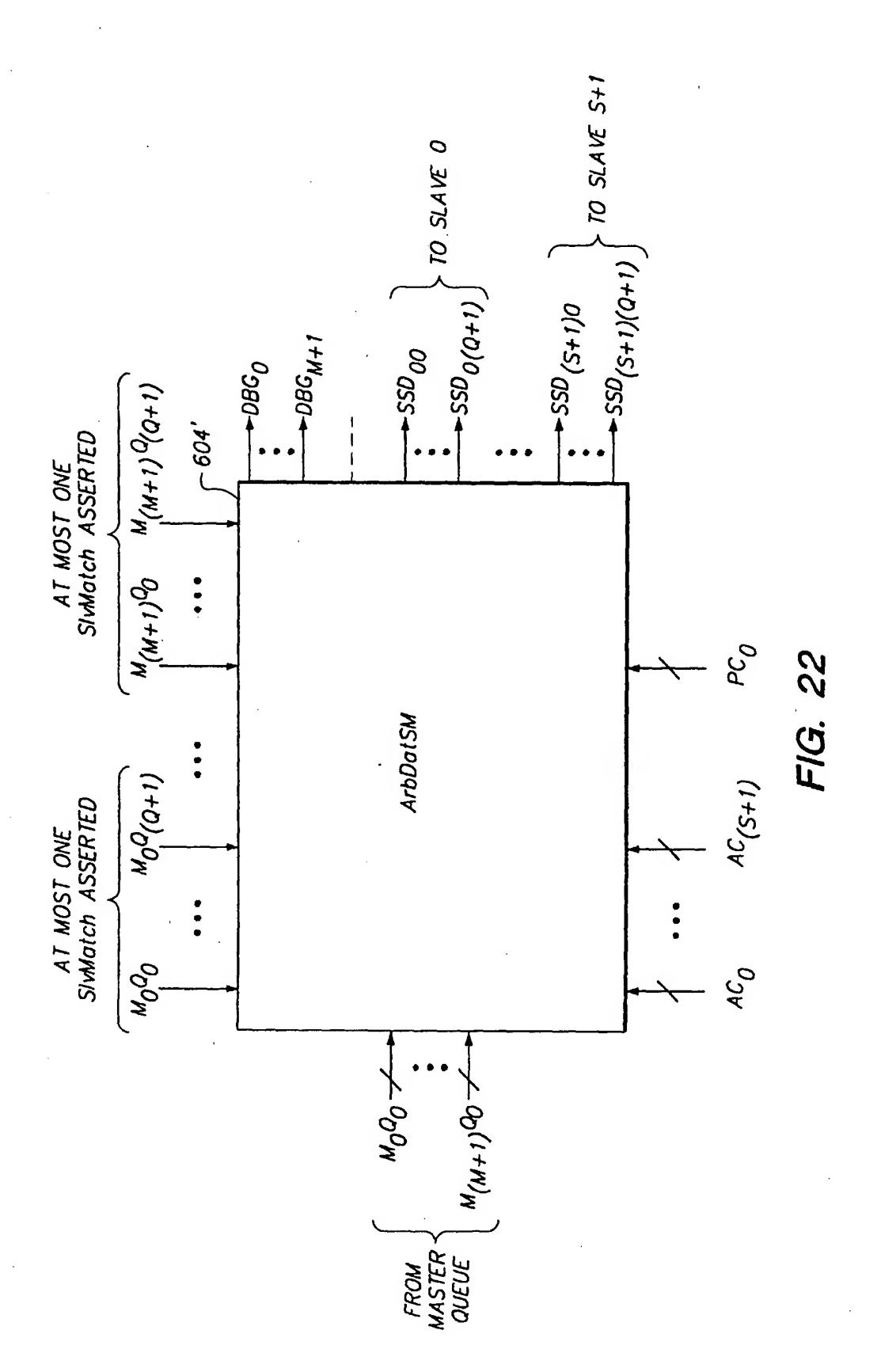
Inventor: James D. Kelly et al.
Atty. Docket No.: 18602-08098
Sheet 17 of 21



Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES Inventor: James D. Kelly et al.

Atty. Docket No.: 18602-08098 Sheet 18 of 21



Title: Bus Transaction Reordering in a Computer

System Having Unordered Slaves Inventor: James D. Kelly *et al.* Atty. Docket No.: 18602-08098

Sheet 19 of 21

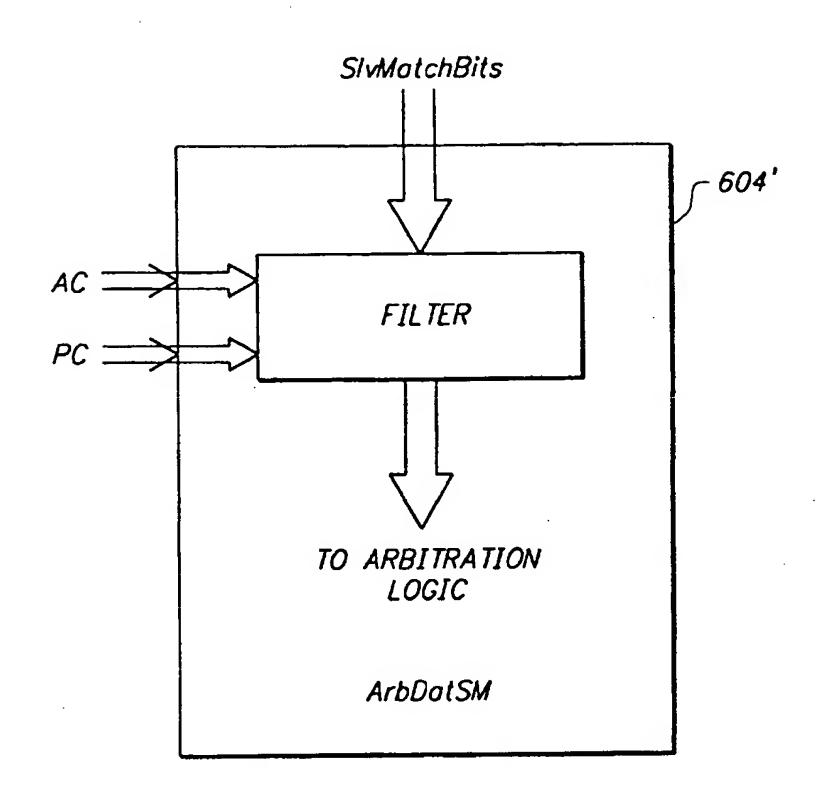


FIG. 23

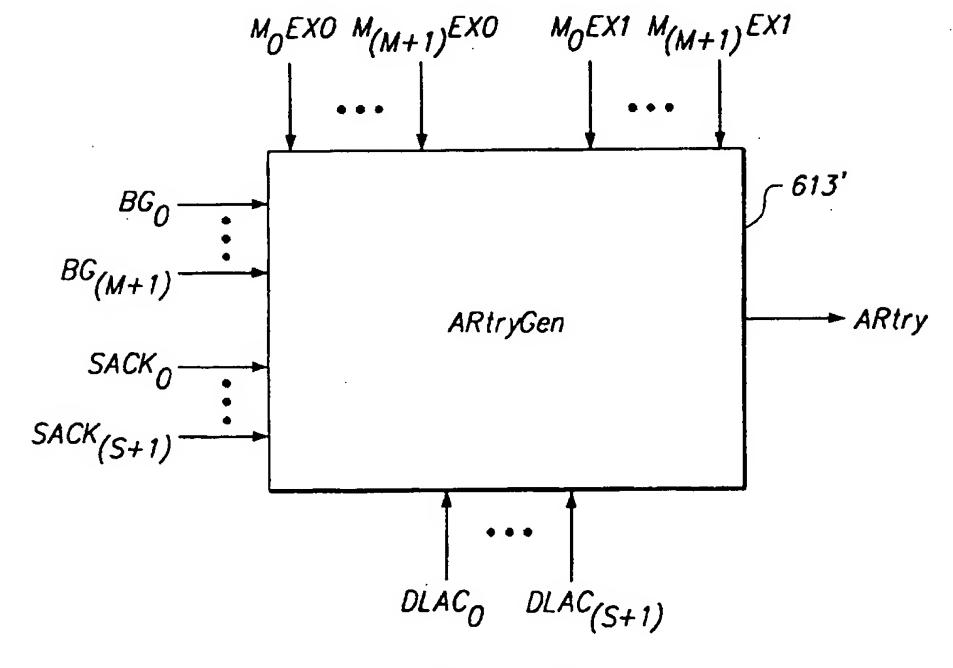
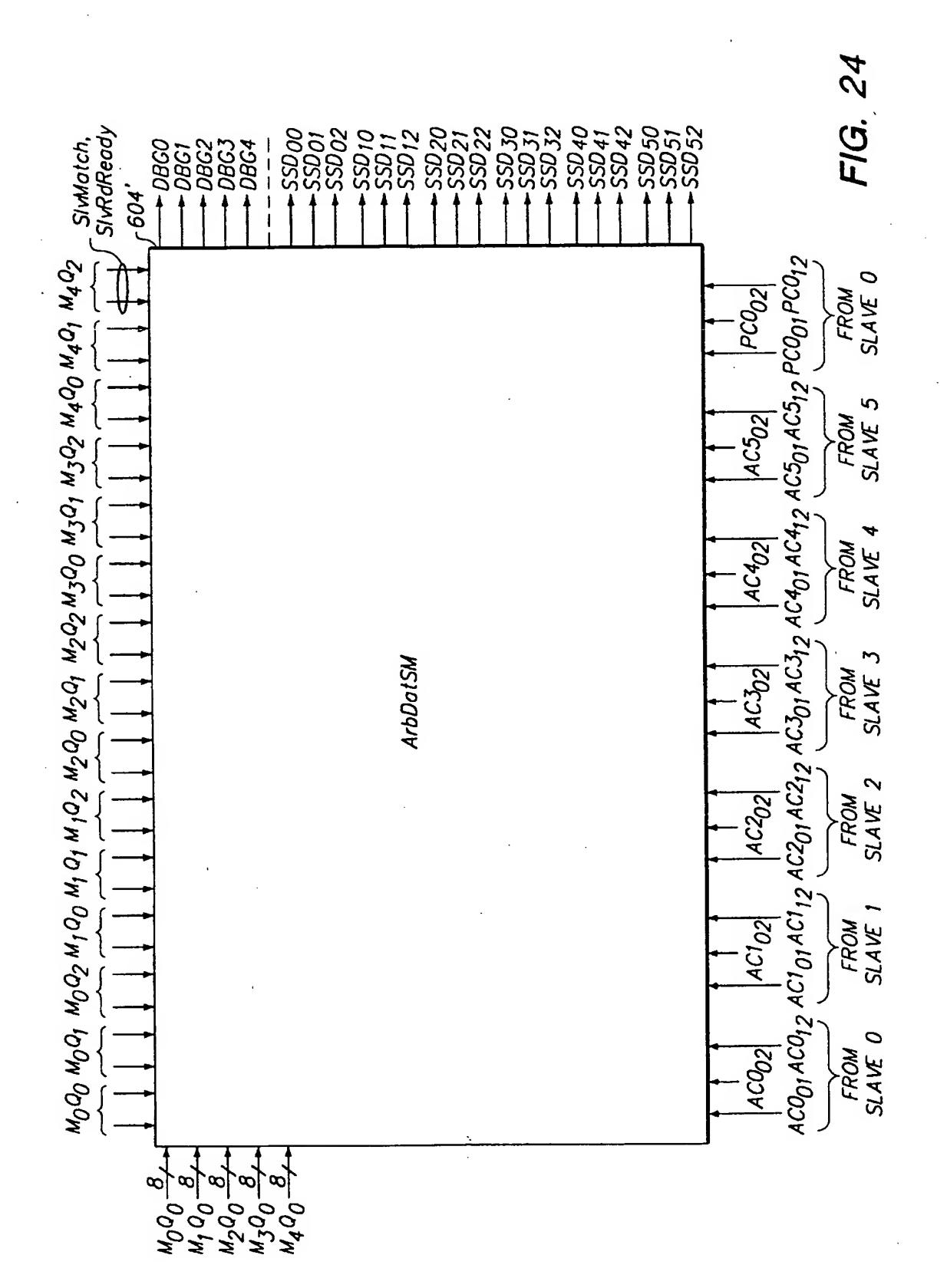


FIG. 25

Title: Bus Transaction Reordering in a Computer

System Having Unordered Slaves Inventor: James D. Kelly *et al.*

Atty. Docket No.: 18602-08098 Sheet 20 of 21



Title: Bus Transaction Reordering in a Computer

SYSTEM HAVING UNORDERED SLAVES Inventor: James D. Kelly et al. Atty. Docket No.: 18602-08098 Sheet 21 of 21

